



**SOPREMA**



**ACOUSTIC INSULATION**

Semi-rigid agglomerated polyurethane panel for soundproofing and thermal insulation in different construction environments

# SOPRAFOAM A



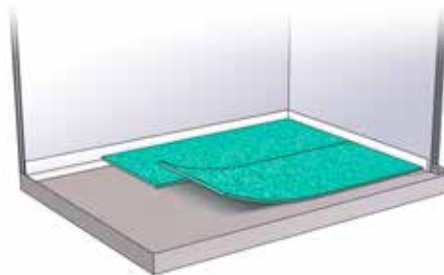
**SOPREMA**

## > Installation guidelines

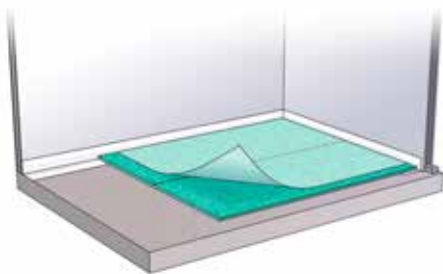
### Installation in floors



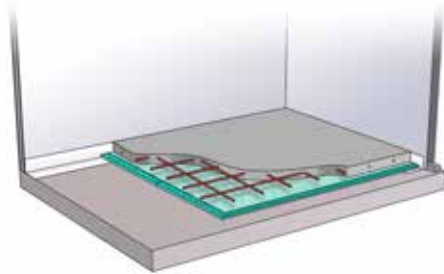
**STEP 1:**  
Install TEXFON self-adhesive disconnection band all along the perimeter of the room.



**STEP 2:**  
Lay Soprafoam A panels on the support placing the edges buttjointed without overlapping them.



**STEP 3:**  
Install Vapor Flag protective film all over Soprafoam A.

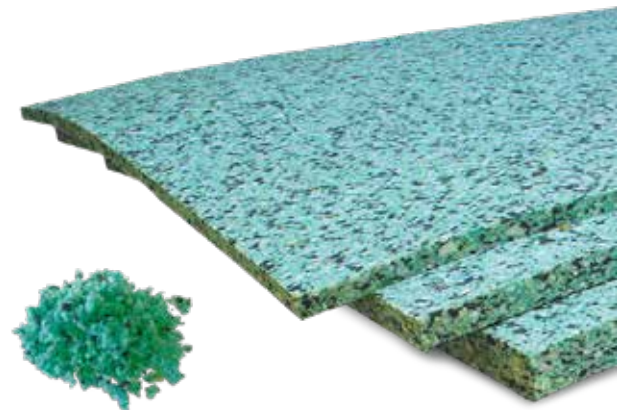


**STEP 4:**  
Pour mortar screed.

## > Packaging

Code	Product	Board Dimensions (mm)	Thickness (mm)	Sales unit: FULL PALLET m <sup>2</sup> /pallet
00232117	<b>SOPRAFOAM A 110 / 20</b>	1000 x 2000	20	120

\*Soprafoam A may present color variations as it is a recycled product maintaining the same features.



# THE +

- + Double function: **soundproofing and thermal insulation**
- + Weighted Airborne Noise Reduction ( $\Delta R_A$ ) **7 a 10 dBA**
- + Easy and fast to install
- + **100% recyclable** and **recycled** product.
- + High flexibility
- + High dimensional stability
- + High resistance to ageing

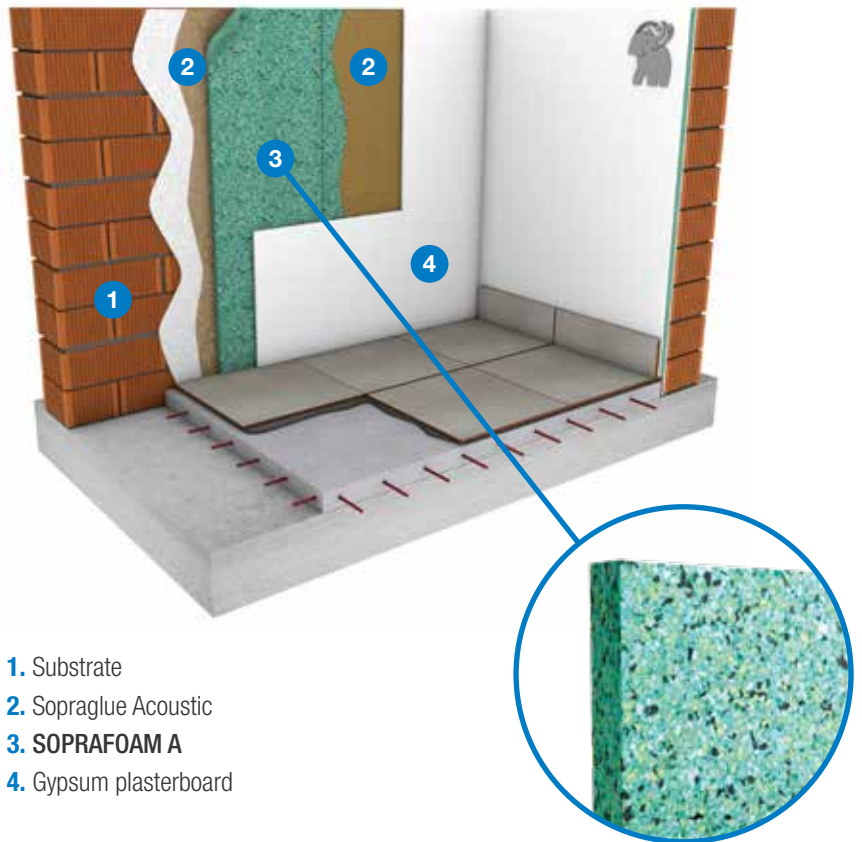
## AIRBORNE NOISE INSULATION

### > Applications

Acoustic insulation against airborne noise of walls and ceilings in new construction and rehabilitation.

#### Improvement of acoustic insulation in dividing wall

$\Delta R_A = 7-10 \text{ dBA}$



1. Substrate
2. Sopraglue Acoustic
3. SOPRAFOAM A
4. Gypsum plasterboard

## PERFORMANCES

- **Sound Reduction Index ( $R_w$ ):**  
For 30 mm **60,7 dBA**  
For 40 mm **63,5 dBA**
- **Thermal insulation (R):**  
For 30 mm **0,83 m<sup>2</sup>·K/W**  
For 40 mm **1,11 m<sup>2</sup>·K/W**  
For 80 mm **2,22 m<sup>2</sup>·K/W**
- **Thermal conductivity:**  
 $\lambda = 0,036 \text{ W/m·K}$

### > Why choose SOPRAFOAM A?



Airborne noise reduction



Thermal insulation



Fast installation



100% recyclable and recycled



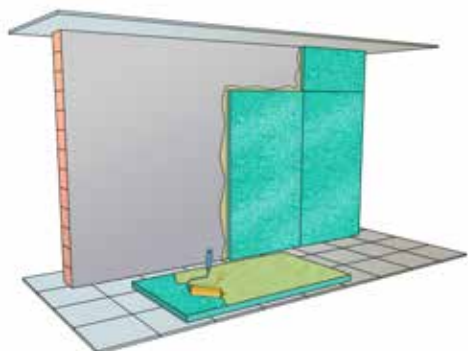
Lightweight and fibre-free product



Easy to install

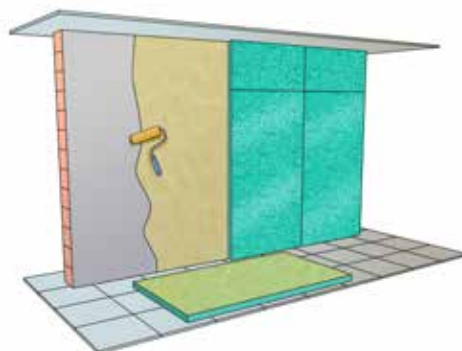
## > Installation guidelines

### Installation on existing wall



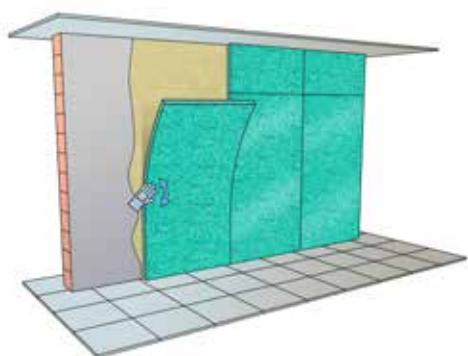
#### STEP 1:

Apply Sopraglue acoustic on one face of Soprafoam A.



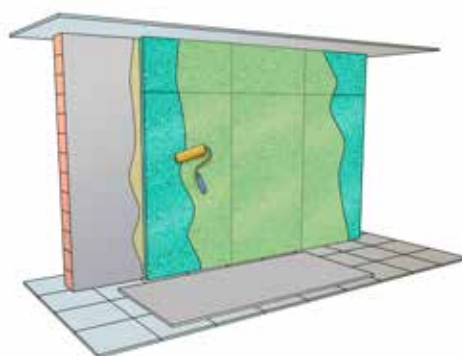
#### STEP 2:

Apply Sopraglue acoustic on the support.



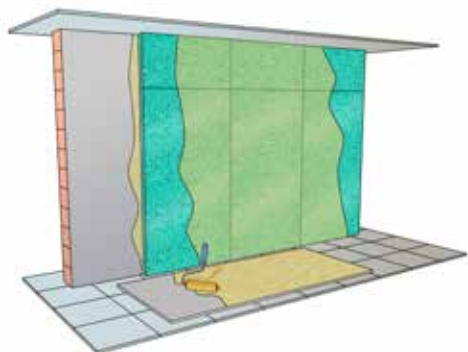
#### STEP 3:

Face panel to the support and press firmly to secure the panel to the wall.



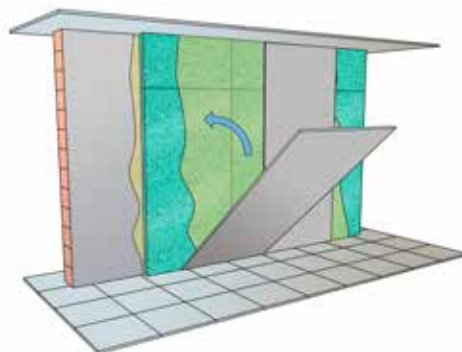
#### STEP 4:

Apply Sopraglue acoustic on the exposed face of Soprafoam A.



#### STEP 5:

Apply Sopraglue acoustic all over the inner face of gypsum plasterboard.



#### STEP 6:

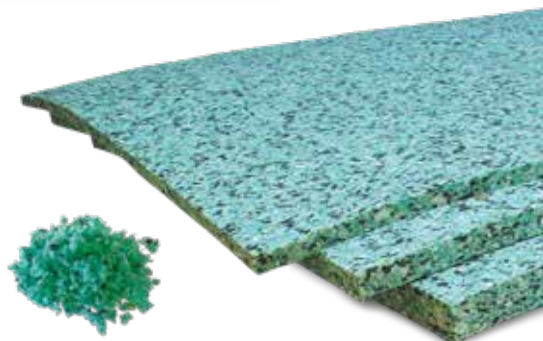
Adhere the plasterboard to Soprafoam A surface and press firmly to secure the board in place.

## > Packaging

Code	Product	Board dimensions (mm)	Thickness (mm)	Sales unit : FULL PALLET m <sup>2</sup> /pallet
00230365	<b>SOPRAFOAM A 80 / 30</b>	2000 x 1000	30	80
00230367	<b>SOPRAFOAM A 80 / 40</b>		40	60
00230375	<b>SOPRAFOAM A 80 / 80</b>		80	30

\*Soprafoam A may present color variations as it is a recycled product maintaining the same features.

Code	Product	Drums	Pallet l / drum	Yield
00234526	<b>SOPRAGLUE ACOUSTIC</b>	20 L	600/30	130-160 g/m <sup>2</sup>
00234528		5 L	600/120	130-160 g/m <sup>2</sup>



# THE +

- + Double function: **acoustic and thermal insulation**
- + Weighted impact noise reduction ( $\Delta L_w$ ) **28 to 30 dB**
- + Fast and easy to install
- + **100% recyclable** and **recycled** product.
- + High compressive strength
- + High stability
- + Elevated ageing resistance

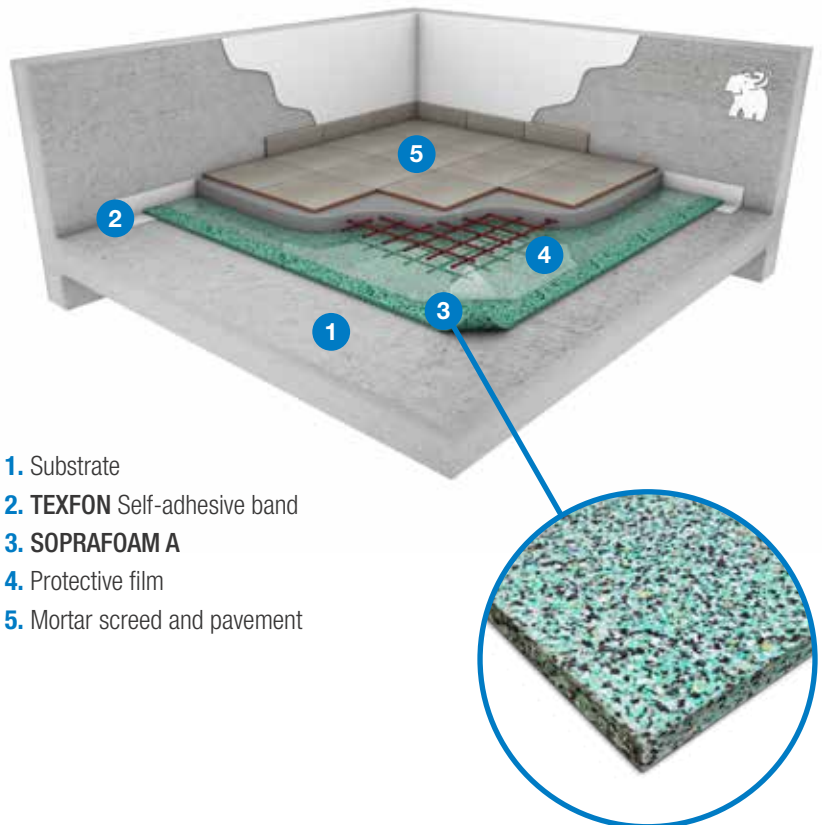
## INSULATION TO IMPACT NOISE

### > Applications

Acoustic insulation of floors against impact noise in new construction and refurbishment.

### Improvement of impact noise insulation

$$\Delta L_w = 28-30 \text{ dB}$$



1. Substrate
2. TEXFON Self-adhesive band
3. SOPRAFOAM A
4. Protective film
5. Mortar screed and pavement

## PERFORMANCES

- Reduction of impact noise level ( $\Delta L_w$ ): 28 - 30 dB
- Thermal conductivity:  $\lambda = 0,039 \text{ W/m}\cdot\text{K}$

### > Why choose SOPRAFOAM A?



Impact noise reduction



Thermal insulation



Fast installation



100% recyclable and recycled



Lightweight and fibre-free product



Easy installation

**SOPREMA**  
**at your service**

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